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(21) International Application Number: PCT/US99/26260 (22) International Filing Date: 5 November 1999 (05.11.99) (30) Priority Data: 60/107,507 6 November 1998 (06.11.98) US 60/109,409 20 November 1998 (20.11.98) US (71) Applicant (for all designated States except US): OREGON HEALTH SCIENCES UNIVERSITY [US/US]; Office of Technology Management, 3181 S.W. Sam Jackson Park Road, L335, Portland, OR 97201-3098 (US). (72) Inventors; and (75) Inventors/Applicants (for US only): WONG, Scott, W. [US/US]; 7926 S.W. 167th Place, Beaverton, OR 97007 (US). AXTHELM, Michael, K. [US/US]; 1345 S.E. 35th Avenue, Hillsboro, OR 97123 (US). SEARLES, Robert, P. [US/US]; 18300 N.W. Heritage Parkway #106, Beaverton, OR 97006 (US). (74) Agent: NOONAN, William, D.; Klarquist, Sparkman, Campbell, Leigh & Winston, LLP, Suite 1600 - One World Trade Center, 121 S.W. Salmon Street, Portland, OR 97204 (US).		(81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). Published <i>Without international search report and to be republished upon receipt of that report.</i>
(54) Title: CLONING OF RHADINOVIRUS GENOME AND METHODS FOR ITS USE		
(57) Abstract <p>A novel rhesus macaque rhadinovirus, herein designated RRV, is disclosed. The genomic, cDNA and proteins sequences are provided. RRV has some similarity to human Kaposi's sarcoma-associated herpesvirus and causes Kaposi's sarcoma-like symptoms in immuno-compromised non-human primates. RRV possesses genes for both Interleukin-6 and macrophage inflammatory protein 1. The genome of RRV is useful for research, clinical and diagnostic applications aimed towards the rhadinoviruses and herpesviruses in general and KSHV in particular. In addition, methods for using RRV to produce a non-human primate model for the testing of Kaposi's sarcoma-associated herpesvirus therapeutics and vaccines are presented.</p> <div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="width: 45%;"> <p style="text-align: center;">Phylogenetic Comparison of the Gammaherpesviruses</p> <pre> graph LR EBV --- Node1 Node1 --- Node2 Node2 --- AHV Node2 --- Node3 Node3 --- Node4 Node4 --- MHV Node4 --- Node5 Node5 --- Node6 Node6 --- HVS Node6 --- Node7 Node7 --- Node8 Node8 --- KSHV Node8 --- RRV </pre> <p> EBV - Epstein-Barr virus AHV - Alcelaphine herpesvirus MHV - Murine herpesvirus 68 HVS - Herpesvirus saimiri KSHV - Kaposi's sarcoma-associated herpesvirus RRV - Rhesus rhadinovirus 17577 </p> </div> <div style="width: 50%;"></div> </div>		